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| Application/ | Control | No |
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09/540,178

Examiner

Christopher R. Nalevanko

Applicant(s)/Patent under Reexamination

VOGEL ET AL.

Art Unit

2611

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| Cla      | im                                     |  |                |          |          | Date                                   | <b>)</b> |          |  |  |   |
| Final    | Original                               | 6/13/05  | ,              |          |          |  |          |          |  |  |   |
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|          | 4                                      | H  |                |          |          |  |          | $\dashv$ | $\dashv$   | $\exists$  |   |
|          | 5                                      | H  |                | _        |          | $\Box$                                 |          | $\neg$   |  | 一  |   |
|          | 1<br>2<br>3<br>4<br>5<br>6             | Ħ  |                | $\neg$   |          | $\Box$                                 |          | 一        |  |  |   |
|          | 7                                      | Т  |                |          |          |  |          |          |  |  |   |
|          | 8                                      |  |                |          |          |  |          |          |  |  |   |
|          | 9                                      |  |                |          |          |  |          | _        | _  |  |   |
|          | 10                                     | Ш  |                | _        |          |  | $\dashv$ | _        |  | 4  |   |
|          | 11                                     | $\sqcup$   | Ш              |          |          | Ш                                      | _        |          | _  |  |   |
| <u></u>  | 12                                     | $\sqcup$   | $\vdash$       |          | _        | -                                      | $\dashv$ | $\dashv$ |  | $\dashv$   |   |
|          | 12<br>13<br>14.                        | d  | -              |          |          | $\vdash\vdash$                         |          | $\dashv$ |  |  | ٠ |
|          | -45                                    | 1  | $\vdash$       | -        |          | H                                      |          | -        | Н  | $\dashv$   |   |
| -        | 16<br>16                               | <del>                                     </del> | H              | -        |          | H                                      |          | $\dashv$ |  | -  |   |
|          | 17                                     | $\vdash$   |                |          |          | _                                      |          | $\neg$   |  |  |   |
|          | 17<br>18<br>19<br>20<br>21<br>22<br>23 |  |                |          | _        |  |          |          |  |  |   |
| _        | 19                                     |  |                |          | -        |  |          |          |  |  |   |
|          | 20                                     |  |                |          |          |  |          |          |  |  |   |
|          | 21                                     |  |                |          |          |  |          |          |  |  |   |
|          | 22                                     |  |                |          | _        |  |          |          |  |  |   |
| L        | 23                                     |  | L              |          |          | _                                      |          |          |  |  |   |
|          | 24<br>25                               | <u> </u>   | <b>/</b>       |          | ļ        | -                                      |          | _        | _  |  |   |
| -        | 26                                     | 1  |                | _        | <u> </u> |  |          |          | _  | _  |   |
| <b> </b> | 26<br>27                               | <del> </del>                                     | ⊢              |          |          | ┢                                      | -        |          |  | -  |   |
| <u> </u> | 28                                     | $\vdash$   | ├              |          | ⊢        | ├─                                     | H        |          | -  | -  |   |
| <u> </u> | 29                                     | $\vdash$   | ├┈             | -        |          | ├                                      | $\vdash$ |          | <del>                                     </del> | <del> </del>                                     |   |
|          | 30                                     | H  | <del> </del>   |          | <u> </u> | <del> </del>                           |          |          | $\vdash$   | $\vdash$   |   |
|          | 31                                     | 厂  | T              |          |          | T                                      |          |          |  |  | ļ |
|          | 32                                     |  |                |          |          |  |          |          |  |  |   |
|          | 32<br>33                               |  |                |          |          |  |          |          |  |  |   |
|          | 34<br>35                               |  | _              |          | Ļ        | <u> </u>                               | _        | <u> </u> | _  | L  |   |
|          | 35                                     | <b>!</b>   | ₩              | <u> </u> | _        | $\vdash$                               | <u> </u> | <u> </u> | _  | <u> </u>   |   |
|          | 36                                     | 1  |                | <u> </u> | L        | ├                                      | $\vdash$ | $\vdash$ | $\vdash$   | -  |   |
| -        | 37                                     |  | <del> </del>   | ⊢        | <u> </u> | -                                      | ⊢        |          | ├-   | <del> </del>                                     | 1 |
| $\vdash$ | 38<br>39                               | $\vdash$   | -              | -        | -        | ╁                                      | -        | $\vdash$ | -  | $\vdash$   | 1 |
|          | 40                                     | +  | <del> </del> - | $\vdash$ | $\vdash$ | <del> </del>                           | $\vdash$ |          |  | $\vdash$   | 1 |
| -        | 41                                     | +  | +              |          | $\vdash$ | +-                                     | $\vdash$ |          | _  | <del>                                     </del> | 1 |
| -        | 42                                     | +-   | t              | $\vdash$ |          |  | <b>-</b> |          | <u> </u>   | Г  | 1 |
|          | 43                                     | T  |                |          | Г        | T                                      | ·        |          |  |  | 1 |
|          | 44                                     |  |                |          |          |  |          | Ľ        |  |  |   |
|          | 45                                     |  |                |          |          |  |          |          |  |  | ١ |
|          | 46                                     |  |                |          | Ĺ        |  |          |          |  |  |   |
|          | 47                                     | <u> </u>   | _              |          | -        | ــــــــــــــــــــــــــــــــــــــ | _        | <u> </u> | L  | <u> </u>   | 1 |
|          | 48                                     | -  | ↓_             | <u> </u> | 1        | $\vdash$                               | -        | $\vdash$ | <del> </del>                                     | <b></b> -  | l |
|          | 49                                     | ╄-   | -              | ├-       | $\vdash$ | <del> </del> —                         | ├        | ├-       | ₩  | <del> </del>                                     | 1 |
| 1        | 50                                     | 1  | 1              | 1        | 1        | 1                                      | 1        | ı        | 1  | i  | 1 |

| Cla         | im       | -  | _        |          |              | Date   | <del></del>                                      |  | -  |          |
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| -           | Original |  |          |          |              |  |  |  |  |          |
| Final       | <u>:</u> | -  |          |          |              |  |  |  |  |          |
| "-          | ਨਿੰ      | - 1  |          |          |              |  |  |  |  |          |
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|             | 51       |  |          |          |              |  |  |  |  |          |
|             | 52       | ヿ  |          |          |              |  |  |  |  |          |
| $\vdash$    | 53       | -  |          | Н        |              |  | $\vdash$   | _  |  | -        |
| <del></del> | 53       |  | -        |          |              | -  | -  | -  | _  |          |
| ļ           | 54<br>55 | _  |          |          |              |  | $\Box$   | _  |  |          |
|             | 55       |  |          |          |              |  |  |  |  |          |
|             | 56       |  |          |          |              |  |  |  |  |          |
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| $\vdash$    | 58       |  |          | _        |              | _  |  |  | _  |          |
|             | -50      | $\dashv$   |          | -        | _            | -  | -  | _  |  |          |
|             | 59       | _  |          |          |              |  | -  |  |  | _        |
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| 1           | 61       |  |          |          |              |  |  |  |  |          |
|             | 62       |  |          |          |              |  |  |  |  |          |
|             | 63       |  |          | П        |              | _  |  |  | _  |          |
| $\vdash$    | 64       |  | _        | $\vdash$ | -            | ├─   | $\vdash$   | -  | -  | -        |
|             | 64       |  |          | $\vdash$ |              | $\vdash$   | $\vdash$   | _  | <u> </u>   | Н        |
| igsquare    | 65       |  |          | L        |              | $oxed{oxed}$                                     |  |  | <u> </u>   |          |
|             | 66       |  |          | L.       |              | L  | L  |  |  |          |
|             | 67       |  |          |          |              |  |  |  |  |          |
| $\vdash$    | 68       |  |          | T        | _            |  |  | _  | $\vdash$   | Т        |
| $\vdash$    | - 66     |  |          | -        |              | -  | -  |  | $\vdash$   |          |
|             | 69       |  |          |          | L            | -  |  |  | <b>├</b> ─                                       | -        |
|             | 70_      |  |          | L        |              |  |  |  |  |          |
|             | 71       |  |          |          |              |  | ļ!   |  |  | L        |
|             | 72       |  |          | ·        |              |  |  |  |  |          |
| -           | 73       |  |          |          | _            |  |  |  |  |          |
| <del></del> | 74       |  | _        | $\vdash$ | ┝            | <del>                                     </del> | ₩  |  |  | -        |
|             | 74       |  |          | <u> </u> | -            | -  | <b>├</b>   | <u> </u>   | <u> </u>   | _        |
|             | 75       |  | <u>L</u> | _        |              |  |  |  | <u> </u>   |          |
|             | 76       |  |          |          |              | <u></u>  |  |  |  | _        |
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|             | 78       |  |          |          |              |  |  |  |  |          |
|             | 79       |  | $\vdash$ | $\vdash$ | ├─           | t  | <del>                                     </del> | ┢  |  | -        |
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|             | 80       |  |          | <u> </u> | _            | _  | Ь  |  | <b> </b>   | -        |
|             | 81       |  | Ĺ.,      |          |              |  |  |  | <u> </u>   | <u>L</u> |
|             | 82       |  |          | 1        |              | _  | _  | l  |  |          |
|             | 83       |  |          |          |              |  |  |  |  |          |
| <b>-</b>    | 84       |  |          | †-       | _            | T  | T  | $\vdash$   | <del>                                     </del> |          |
| <b> </b>    | 05       | _  | $\vdash$ | ╁╾       | ₩            | $\vdash$   | $\vdash$   | ⊢  | +  |          |
| <u> </u>    | 85       | _  | <u> </u> | <u> </u> | ⊢            | <u> </u>   | ├-   | -  |  | ⊢        |
|             | 86       |  | <u> </u> | oxdot    |              | _  | <u> </u>   | $oldsymbol{oldsymbol{oldsymbol{eta}}}$           | <u> </u>   | <u> </u> |
|             | 87       | L  | L        | L        |              | L  |  | L  | L  | L        |
|             | 88       |  |          | Г        |              |  |  |  |  |          |
|             | 89       |  | Г        | T        | Т            | 1  | T  |  |  |          |
| <u> </u>    | 90       | -  | $\vdash$ | $\vdash$ | <del> </del> | <u> </u>   | +-   |  | <del>                                     </del> | $\vdash$ |
|             |          | <u> </u>   | ⊢        | -        |              | -  | $\vdash$   | $\vdash$   | <del> </del>                                     | -        |
| <u> </u>    | 91       | _  | L_       | L        | <u> </u>     | <u>L</u>   | <u> </u>   | L  | ļ  | <b>—</b> |
|             | 92       | L_   | L        | L        | L            | L  | L  | L  |  | $\perp$  |
|             | 93       |  |          |          |              | Γ  | Γ  |  |  |          |
|             | 94       |  |          | t        | $\vdash$     | $\vdash$   | T  | <del>                                     </del> | T  |          |
|             | 05       | <u> </u>   | ┼        | +-       | +            | +  | +-   | $\vdash$   | +-   | ┰        |
| -           | 95       | <u> </u>   | ₩        | 1        | -            |  | -  | -  | $\vdash$   | ┼        |
|             | 96       | L_   | <u> </u> | <u> </u> | 1_           | 丄  | 1_   | <u> </u>   | <b>!</b>   | <b>!</b> |
|             | 97       |  | 1        | 1        | 1            | L  | $L^{T}$  | L  | L  | L        |
|             | 98       |  | Π        |          |              |  |  | Г  |  | Г        |
|             | 99       | <del>                                     </del> | $\vdash$ | 1        | t            | t  | 1  | 1  | $\vdash$   | ⇈        |
| <u> </u>    | 400      | -  | ╁        | ╀        | ⊢            | ╁  | $\vdash$   | 1-   | +-   | ╁        |
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|           |   |              |              |                | _  | \_+.     |  |                |  | $\neg$          |
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| Cla       | aim   |              |              | - 1            | ᅳ  | ate      | ;  |                |  |                 |
| Final     | Original  |              |              |                |  |          |  |                |  |                 |
|           | 101   |              |              |                |  |          |  |                |  | ╗               |
|           | 101<br>102  |              |              |                |  |          |  |                | _  | $\dashv$        |
|           | 102   | -            | _            |                | -  |          |  |                | $\dashv$   | $\dashv$        |
|           | 103<br>104<br>105   |              |              | $\dashv$       |  |          |  |                |  | $\dashv$        |
|           | 104   |              |              | -1             | _  |          |  |                | -  |                 |
|           | 105   |              |              | $\Box$         |  |          |  |                |  |                 |
|           | 106   |              |              | _              |  |          |  |                | $\Box$   | _               |
| .,        | 106<br>107<br>108   |              |              | Ш              |  |          |  |                | _  | _               |
|           | 108   |              |              |                |  |          |  |                |  | _               |
|           | 109   |              |              |                |  |          |  | $\Box$         |  | _               |
|           | 110   |              |              |                |  |          |  |                |  | _               |
|           | 111   |              |              | Ш              |  |          |  |                |  | _               |
|           | 112   |              |              |                |  |          |  | <u> </u>       |  | _               |
|           | 113   |              |              |                |  |          |  |                |  |                 |
|           | 109<br>110<br>111<br>112<br>113<br>114<br>115<br>116<br>117<br>118<br>119<br>120<br>121 |              |              |                |  |          | $oxed{oxed}$                                     | L.,            |  |                 |
|           | 115   |              |              |                |  |          |  |                | Ш  |                 |
|           | 116   | <u>_</u>     |              |                |  | L        | oxdot  |                | Ш  |                 |
|           | 117   | L            |              |                |  | L        |  |                |  |                 |
|           | 118   |              |              |                |  |          |  |                |  |                 |
|           | 119   |              |              |                |  |          |  | _              |  |                 |
|           | 120   | L            |              |                |  |          |  |                |  |                 |
|           | 121   |              |              |                | L  |          | _  |                |  | $\Box$          |
|           | 122   |              |              |                | L.   |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              |                |  |                 |
|           | 123   |              | _            |                |  |          | L  |                |  |                 |
|           | 122<br>123<br>124<br>125<br>126<br>127<br>128<br>129                                    |              |              |                | _  |          |  |                | $oxed{oxed}$                                     | _               |
|           | 125   | _            | <u> </u>     | 匚              | _  | _        |  | _              |  | Ш               |
|           | 126   | ╙            | _            | <u> </u>       |  | $\vdash$ | <u> </u>   | ┞              |  | $\dashv$        |
|           | 127   | ــــ         | <u> </u>     |                |  | <u> </u> |  | <u> </u>       |  | -               |
|           | 128   |              | <u> </u>     |                |  | -        | <u> </u>   | ļ.,            |  | $\vdash$        |
|           | 129   |              |              | _              | <u> </u>   |          | <u> </u>   | <u> </u>       | <u> </u>   | -               |
|           | 130   | ├_           |              | ┞              | <u> </u>   | ļ        | L.   | _              | -  | Ц               |
|           | 130<br>131<br>132   | ├            |              | <u> </u>       | ļ  | -        | -  | -              |  | Н               |
|           | 132   | ├_           | <u> </u>     | _              | <u> </u>   | ├-       | <u> </u>   | _              |  | $\vdash$        |
|           | 133   | ├            | -            | <u> </u>       | ├-   | ├        | ├  | <u> </u>       | $\vdash$   | Щ               |
|           | 134   |              | <del> </del> | <u> </u>       | 1  | ├        | $\vdash$   | ₩              |  |                 |
|           | 133<br>134<br>135<br>136  | -            | -            | -              | ├—   | $\vdash$ | $\vdash$   | ⊢              | $\vdash$   | Н               |
|           | 136   | $\vdash$     | H            | ┼              | -  | ┝        | ├  | ├              | $\vdash$   | $\vdash \vdash$ |
|           | 137   | $\vdash$     | ├-           | $\vdash$       | $\vdash$   | ┼        | ├-   | $\vdash$       | -  | $\vdash \vdash$ |
|           | 138<br>139  | +            | $\vdash$     | $\vdash$       | ├-   | $\vdash$ | $\vdash$   | <del>  -</del> | <del>                                     </del> |                 |
|           | 140   | ┼┈           | -            | <del>  -</del> | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$       | $\vdash$   | Н               |
| <u> </u>  | 141   | +            | +-           | +              | $\vdash$   | +-       | +  | 1              | <del> </del>                                     | Н               |
|           | 142   | +            | ╁            | H              | -  | †        | <del>                                     </del> | _              | <del>                                     </del> | $\vdash \vdash$ |
| _         | 143   | +            | † -          | $\vdash$       | T  | $t^{-}$  | <del>                                     </del> | $\vdash$       |  | Н               |
|           | 144   | <del> </del> | t            | +              | T  | +-       | †  | T              | <del>                                     </del> | Н               |
|           | 145   | $t^-$        | 1            | 1              | <del>                                     </del> | T        | T  | T              | <u> </u>   | Н               |
|           | 146   | $\vdash$     | $\vdash$     | $\vdash$       | 1  | 1        | T  |                | _  | Н               |
| <b></b> - | 147   | 1            | 1            | 1              | t  | T        | T  | T              | T  |                 |
| <b>-</b>  | 148   | $\vdash$     | $\vdash$     | 1              | t  | T        | $\vdash$   | 1              | t  | П               |
| <u> </u>  | 149   | $t^-$        | T            | 1              |  | T        | T  | $\top$         | T  | П               |
| <u> </u>  | 150   | T            | T            | $\vdash$       | T  | T        | T  | †              | 1  | П               |
|           | ,,,,,,  | —            | 1-           | -              | -  | Щ.       | _  |                | <del></del>                                      |                 |